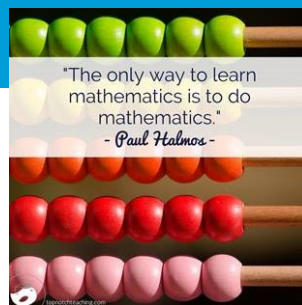


# Mathematics at Rigby Hall School



## Intent

- ◇ To raise levels of achievement, develop their self-confidence and raise self-esteem in Mathematics.
- ◇ To promote enjoyment of learning and foster a positive attitude to mathematics through practical activity, exploration and discussion.
- ◇ To create a stimulating environment, this will value individual efforts and bring pupils success at their own level.
- ◇ To provide practical apparatus for pupils to confidently select and use, which will help them to apply their knowledge and understanding to real life problems in a range of contexts.
- ◇ To develop confidence and competence with numbers and the number system.
- ◇ To develop and encourage cross curricular links where appropriate that will help pupils appreciate the relevance of mathematics across the curriculum, and in the outside world.



## Implementation

- ◇ **Baselining & Target Setting:** All children have a Pupil Profile that takes into account all the possible obstacles/barriers/ interventions that might be effecting the child's education. This profile is then reviewed on a termly basis against their progress with in Maths and adjusted as necessary
- ◇ **Accessibility:** At Rigby Hall accessibility to learning regardless of learning difficulty is key to our practice. From reading support, reinforcement of basic skills, group and peer work to hands-on activities to increase engagement, we try to be as practical as possible in our teaching of maths, and where possible look to utilise our outdoor spaces.
- ◇ **Communication:** This is an essential part of maths and maths education. It is a way of sharing ideas and clarifying understanding. Ideas can become refined, discussed, and amended. The key to successful communication within the teaching of maths is to provide an environment in which students productively engage in the sharing of their thinking as they develop a greater understanding of the world of mathematics.
- ◇ **Teaching Approaches:** As a school we are aware that pupils are all individuals and that they have a variety of different ways of accessing their learning and retaining knowledge. We endeavour to use a range of approaches in our teaching which we hope will maximise all pupil's ability to learn.
- ◇ **Pupil Challenge:** we listen to and respect our pupils' voice and contributions, communicating with them through whatever means appropriate. Rigby Hall School is committed to developing the academic and life skills of all its pupils and students to enable them to lead safe, happy and purposeful lives, contributing economically and socially to society.
- ◇ **Peer & Self Assessment:** Peer and self-assessment within Maths encourages students to take greater responsibility for their learning, for example, by reflection of their own performance and that of their peers. Through this, they can learn from their previous mistakes, identify their strengths and weaknesses and learn to target their learning accordingly.



## Impact

- ◇ Pupils progress is continuously monitored and levels of attainment will be assessed at intervals throughout each Key Stage using SOLAR.
- ◇ KPIs for each Key Stage and for each pathway ensure our pupils have the necessary mathematical tools to enable them to progress.
- ◇ All students have the opportunity to work towards external qualifications such as Entry Level Certificate, Functional Skills Level 1 & 2 and GCSE Foundation Maths.

